

SECTION 04082
JOINT REINFORCEMENT

PART 1 - GENERAL

1.01 SCOPE OF WORK

Horizontal joint reinforcement shall be furnished and installed in all exterior masonry walls.

PART 2 - PRODUCTS

2.01 MATERIALS:

- A. Minimum horizontal joint reinforcement shall be provided at every second course (16" vertical) for bearing or non-bearing exterior masonry walls. Reinforcement shall provide 2-3/16" side rods (one on each side) and 9 gage cross-rods, ladder type for vertical reinforced masonry and truss type for all others.
- B. Anchors and ties for masonry walls shall be minimum 12 gauge, hot dipped galvanized steel as manufactured by Dur-O-Wall or equivalent.

PART 3 - EXECUTION

3.01 INSTALLATION:

- A. Horizontal joint reinforcement specified above shall be installed in every other course, unless otherwise specified, commencing at the first course above footings. Install so mortar completely covers side and cross wires. Splices shall be wired and shall overlap at least six inches (6").
- B. Horizontal joint reinforcement shall extend 4" Min. into tie columns or tied to structural columns with 2-#4 dowels extending 12" each side of the column to splice with the wall reinforcement side rods or any other accepted method subject to Engineer of Record's approval.
- C. Corners shall be formed from prefabricated corner sections to provide continuous joint reinforcement.
- D. Care shall be taken during construction to insure that cut or excess sections are not allowed to remain in areas of pedestrian traffic so as to create a safety hazard to either workers or the inspection personnel.
- E. All debris shall be removed periodically from the site, with the entire affected areas left broom clean at the end of the project.

END OF SECTION